INTERNATIONAL SEARCH REPORT

PCT/DE 03/03778

A. CLASSIFICATION OF SUBJECT MATTER
1PC 7 A63B71/12 A41B A43B17/08 A61F13/06 A41B11/02 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) A63B A41B A61F A43B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° 1 - 3.5DE 25 47 809 A (SCHMIDT & CO KARL J G) X 28 April 1977 (1977-04-28) the whole document 1-3,5,7,US 4 811 727 A (ETIENNE ABEL) X 14 March 1989 (1989-03-14) column 2, line 43 -column 5, line 18; figures 1,2 1-3,5,7, US 5 717 996 A (FELDMANN DOV) X 17 February 1998 (1998-02-17) column 2, line 12 -column 3, line 37; figures 1,2,6 1-5,7EP 0 705 543 A (WACOAL CORP) X 10 April 1996 (1996-04-10) column 9, line 22 -column 11, line 53; figures 1-5 Patent family members are listed in annex. Further documents are listed in the continuation of box C. X tater document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "E" earlier document but published on or after the international 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the cert *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 24/05/2004 14 May 2004 **Authorized officer** Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Oelschläger, H Fax: (+31-70) 340-3016

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